

How are igneous rocks classified?

Lesson Review

PART A Write *true* if the statement is true. If the statement is false, change the underlined term to make the statement true. Write your answers in the spaces provided.

- _____

1. An extrusive igneous rock cools slowly below the surface of the earth.
- _____

2. Texture refers to the shape of the crystals in an igneous rock.
- _____

3. Granite has small mineral crystals.
- _____

4. Large crystals form in igneous rocks that take a long time to cool.
- _____

5. Most igneous rocks that form from magma have small mineral crystals.
- _____

6. An igneous rock with a coarse texture has very small mineral crystals.
- _____

7. Igneous rocks with no mineral crystals were formed from lava that cooled very quickly.
- _____

8. An example of an igneous rock with no mineral crystals is rhyolite.
- _____

9. Basalt is light in color because it contains high amounts of iron.
- _____

10. Intrusive igneous rocks have a fine texture.

Skill Challenge

Use the information in the table below to fill in the blank spaces in the table.

CLASSIFYING IGNEOUS ROCKS				
Rock	Formed from	Cooling speed	Crystal size	Texture
Rhyolite				
Gabbro		slow		coarse
Basalt				
Pumice	lava			
Obsidian				
Granite			large	
Andesite				